

Claims

- [c1] 1. Method of bonding an adhesive sheet having a backing and a layer of water-activated adhesive coated on one side of said backing to the surface of an object, comprising pressing said adhesive sheet against the surface of the object with said water-activated adhesive layer in facing relation to said surface without moistening said water-activated adhesive layer and simultaneously heating said adhesive sheet.
- [c2] 2. Method according to claim 1, wherein said pressing and heating are performed by a heating member which is heated to a predetermined temperature.
- [c3] 3. Method according to claim 2, wherein said heating of the adhesive sheet is performed at a temperature of at least 100°C.
- [c4] 4. Method according to claim 2, wherein said heating of the adhesive sheet is performed for at least 0.3 second.
- [c5] 5. Method according to claim 2, wherein said pressing of the adhesive sheet is performed under a pressure of at least 3.2 kg/cm².

- [c6] 6. Method according to claim 2, wherein said adhesive sheet is heated at a temperature between 120°C and 175°C for a length of time between 0.3 and 2 seconds under a pressure between 12.5 and 20 kg/cm².
- [c7] 7. Method according to claim 2, 3, 4, 5 or 6, wherein said object having the surface to which said adhesive sheet is bonded includes wood veneer.
- [c8] 8. Method according to claim 7, wherein said wood veneer has been dried to such an extent that is suitable for lamination to produce plywood, laminated veneer lumber (LVL) or other wood composite materials.
- [c9] 9. Method according to claim 7, wherein said wood veneer has been dried to a moisture content of 15% or less.
- [c10] 10. Method according to claim 2, wherein said backing of the adhesive sheet is made of paper.